

Shane DiGiovanna

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Education:

Seven Hills School
5400 Red Bank Rd
Cincinnati, OH 45227
Class of 2017
Cumulative GPA: 4.11

Career Goal:

To use my knowledge of engineering and planetary science to help mankind explore and colonize the solar system

Scores:

PSAT Fall 2015: 1440 out of 1520 National Merit Finalist
ACT- 34 Composite
APs to Date: AP Biology-5, AP Euro-5, AP US History-5 AP Scholar Award
Subject Tests: US History-770; World History-780

School Activities/Honors:

National Cum Laude Society - 2017
Biology Prize (outstanding biology student) - 2016
Personal Achievement Award (sophomore who has helped make the school a better place) - 2015
National Latin Exam-Magna Cum Laude - 2015
National Latin Exam-Maxima Cum Laude - 2014
University of Cincinnati Masterclass in Particle Physics-Analyzed data from Large Hadron Collider-January 2017
Ohio Junior Latin Convention - Top 10 in state in areas of poetry, art, grammar,
Latin Club - 9,10,11,12; Historian 9,10
Investment Club - 10, 11, 12
Academic Team -Compete against Cincinnati High Schools in categories of math, science, history, government, fine arts, geography and literature-11(undefeated season), 12
Engineering Club - (inaugural year)12
Roundtable Discussion Club (Major controversies of society discussed and debated) - 10, 11, 12
Science Bowl-Compete against Cincinnati teams in all areas of science- 11, 12
Honor Roll - 9,10,11,12

Outside Activities/Honors:

- TedX Cincinnati speaker 2014 - "Hollowed Out Asteroid? Mars Colony? Your New Home Earthlings!" Link to speech: <http://youtu.be/PaMDS7iLJ9c>
- 2013 Make a Wish Kid of the Year in SW Ohio. Gave keynote speech at the Make a Wish Cincinnati Gala about Zero-G weightless flight
- Delivered Neil Armstrong Tribute speech at Cincinnati Children's Hospital with Apollo Astronauts Gene Cernan and Jim Lovell - 2012
- Designed and launched by balloon a payload that took video and atmospheric measurements. Reached 86,000 feet. July 2015
- Using CAD (computer aided design) currently designing 3D printable prosthetic styluses for people with impaired hands like me.

Volunteer Experience:

Cincinnati Children's Hospital:

- Patient Advisory Council - 7 year member. Help improve hospital by designing and implementing initiatives, coordinate and run yearly Make a Difference awards with over 100 hospital nominees
- Speaker at Peri-Op Grand Rounds: Addressed anesthesiologists, surgeons and residents on the importance of connecting with patients on personal level
- In conjunction with anesthesia department, created pre-op check list for patients with Epidermolysis Bullosa
- Ongoing fundraising to provide dental kits, iPads, and research money for Epidermolysis Bullosa Clinic
- Raised money for a pre-op program to give toy "comfort" dogs to surgery patients
- Raised over \$30,000 for Cincinnati Children's Hospital
- Ongoing public speaking engagements from 2010 to present
- Featured in Cincinnati Children's commercial and other promotional and educational videos to promote different hospital initiatives

Ohio Valley Voices: Oral Deaf School 2005 Graduate

Summer School Teacher for last 3 summers helping hearing impaired students to learn how to speak. 40 hours of volunteer work each June.

Graduation Speaker - 2016

EB Medical Research Foundation, EB Research Partnership, DEBRA of America:

Ongoing fundraising through annual Polar Plunge Event and "Dad Salt". Raised over \$60,000 to date

